

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

001

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-0971
TYPE OF WELL <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> OIL WELL GAS WELL OTHER SINGL E ZONE MULTIPL E ZONE		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
2. NAME OF OPERATOR QEP Uinta Basin, Inc.		7. UNIT AGREEMENT NAME White River
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		8. FARM OR LEASE NAME, WELL NO. OU GB 8W-9-8-22
Contact: Raleen Searle E-Mail: raleen.searle@questar.com		9. API WELL NO. 43-047-35113
Telephone number Phone 435-781-4341 Fax 435-781-4323		10. FIELD AND POOL, OR WILDCAT WHITE RIVER
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 2287' FNL, 1048' FEL, SENE, Section 9, T8S R22E 40.13823 At proposed production zone 4444058 Y 633001 X -109.43880		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SENE, Section 9, T8S, R22E
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 11 +/- miles Southwest of Redwash, Utah		12. COUNTY OR PARISH UINTAH
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 1048' +/-		13. STATE UT
16. NO. OF ACRES IN LEASE 160		17. NO. OF ACRES ASSIGNED TO THIS WELL 40
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft 600'		20. BLM/BIA Bond No. on file ESB000024
19. PROPOSED DEPTH 7900'		23. Estimated duration 10 DAYS
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4956' KB		22. DATE WORK WILL START ASAP
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan
3. A surface Use Plan ( if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an exisiting bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED Raleen Searle Name (printed/typed) RALEEN SEARLE

6-Aug-03

TITLE REGULATORY AFFAIRS ANALYST

(This space for Federal or State office use)

PERMIT NO. 43-047-35113

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

Federal Approval of this Action is Necessary  
APPROVAL DATE  
BRADLEY G. HILL  
TITLE ENVIRONMENTAL SCIENTIST III

\*See Instructions On Reverse Side

Title 18 U.S.C Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

RECEIVED

AUG 08 2003

DIV. OF OIL, GAS & MINING

DATE 08-14-03

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**T8S, R22E, S.L.B.&M.**

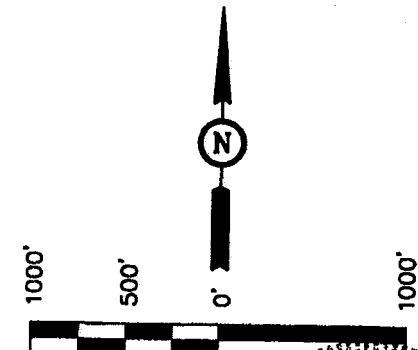
**QUESTAR EXPLORATION & PRODUCTION**

Well location, OU GB #8W-9-8-22, located as shown in the SE 1/4 NE 1/4 of Section 9, T8S, R22E, S.L.B.&M. Uintah County, Utah.

**BASIS OF ELEVATION**

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

**OU GB #8W-9-8-22**  
Elev. Ungraded Ground = 4937'



**SCALE  
CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 11114  
STATE OF UTAH

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**16**

(NAD 83)  
LATITUDE = 40°08'17.25" (40.138125)  
LONGITUDE = 109°26'21.67" (109.439353)

**BASIS OF BEARINGS**

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.

**LEGEND:**

- └─ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.
- △ = SECTION CORNERS COMPUTED FROM G.L.O. (Not Set on Ground)

<b>UINTAH ENGINEERING &amp; LAND SURVEYING</b> <b>85 SOUTH 200 EAST - VERNAL, UTAH 84078</b> <b>(435) 789-1017</b>		
SCALE 1" = 1000'	DATE SURVEYED: 03-20-03	DATE DRAWN: 03-26-03
PARTY S.H. D.A. D.COX	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE QUESTAR EXPLORATION & PRODUCTION	

### **Additional Operator Remarks**

QEP Uinta Basin, Inc. proposes to drill a well to 7900' to test the Wasatch. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements

Please see QEP Uinta Basin, Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 and 2~~4~~<sub>2</sub> East.

See Onshore Order No. 1 attached

Please be advised that QEP Uinta Basin, Inc. agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No. ESB000024. The principal is QEP Uinta Basin, Inc. via surety as consent as provided for the 43 CFR 3104.2.

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QEP UINTA BASIN, INC.  
OU GB 8W-9-8-22

ONSHORE OIL & GAS ORDER NO. 1  
Approval of Operations on Onshore  
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil and Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated tops of important geologic markers are as follows:

<b>Formation</b>	<b>Depth</b>
Uinta	Surface
Green River	2674'
Mahogany Ledge	3674'
Mesa	6189'
TD (Wasatch)	7900'

2. Anticipated Depths of Oil, Gas, Water and Other Mineral Bearing Zones

The estimated depths at which the top and bottom of the anticipated water, oil, gas or other mineral bearing formations are expected to be encountered are as follows:

<b>Substance</b>	<b>Formation</b>	<b>Depth</b>
Oil/Gas	Wasatch	7900'

All fresh water and prospectively valuable minerals encountered during drilling, will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If no flows are detected, samples will be submitted to the BLM along with any water analyses conducted.

3. Anticipated Bottom Hole Pressures

Maximum anticipated bottom hole pressure equals approximately 3160.0 psi.

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**QEP UINTA BASIN, INC.  
OU GB 8W-9-8-22  
2287' FNL, 1048' FEL  
SENE, 9, T8S, R22E  
UINTAH COUNTY, UTAH  
LEASE # U-0971**

**ONSHORE ORDER NO. 1**

**MULTI – POINT SURFACE USE & OPERATIONS PLAN**

An onsite inspection was conducted for the OU GB 8W-9-8-22 on June 19, 2003. Weather conditions were sunny and clear at the time of the onsite. In attendance at the inspection were the following individuals:

Paul Buhler	Bureau of Land Management
Dixie Sadleir	Bureau of Land Management
Jan Nelson	Shenandoah Energy Inc.

**1. Existing Roads:**

The proposed well site is approximately 11 miles Southwest of Redwash, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

There will be no improvements made to existing access roads.

**2. Planned Access Roads:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map B for the location of the proposed access road.

**3. Location of Existing Wells Within a 1 – Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

Refer to Topo Map D for the location of the proposed pipeline.

**5. Location and Type of Water Supply:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

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**6. Source of Construction Materials:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**7. Methods of Handling Waste Materials:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**8. Ancillary Facilities:**

Please see Shenandoah Energy Inc. Standard Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Townships 07 and 08 South, Ranges 21 to 24 East.

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

A pit liner is required. A felt pit liner will be required if bedrock is encountered

**10. Plans for Reclamation of the Surface:**

Please see Shenandoah energy Inc. Standard Operating Practices for Wasatch Formation Wells located in Red Wash, Wonsits Valley, Gypsum Hills, White River, Glen Bench, and undesignated fields in Township 07 and 08 South, Ranges 21 to 24 East.

Seed mix #2 as follows;

Fourwing saltbush	4lbs/acre
Needle and threadgrass	3lbs/acre
Western wheat grass	4lbs/acre
Crested wheat grass	1lbs/acre

**11. Surface Ownership:**

The well pad and access road are located on lands owned by:

Bureau of Land Management  
170 South 500 East  
Vernal, Utah 84078  
(435) 781-4400

**12. Other Information**

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted directly to the appropriate agencies by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

Additional Topsoil to be added between corners 2 and 4.

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**Lessee's or Operator's Representative:**

John Busch  
Red Wash Operations Supervisor  
QEP Uinta Basin, Inc.  
11002 East 17500 South  
Vernal, Utah 84078  
(435) 781-4341

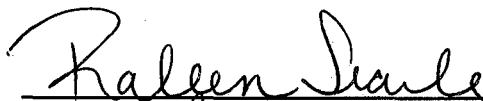
**Certification:**

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil & Gas Orders, the approved plan of operations, and any applicable Notice to Lessees.

QEP Uinta Basin, Inc. will be fully responsible for the actions of their subcontractors.

A complete copy of the approved Application for Permit to Drill will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by QEP Uinta Basin, Inc. its' contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

  
\_\_\_\_\_  
John Busch  
Red Wash Operations Representative

27-Jun-03  
\_\_\_\_\_  
Date

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# QUESTAR EXPLR. & PROD.

OU GB #8W-9-8-22

LOCATED IN UINTAH COUNTY, UTAH

SECTION 9, T8S, R22E, S.L.B.&M.

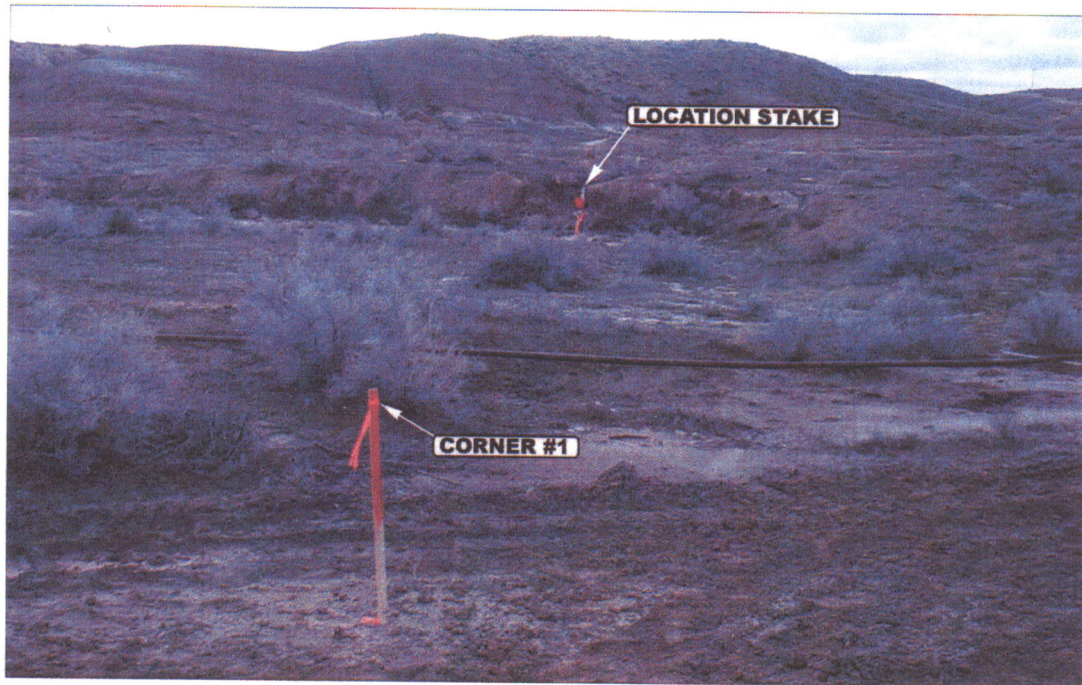


PHOTO: VIEW FROM CORNER #1 TO LOCATION STAKE

CAMERA ANGLE: SOUTHWESTERLY

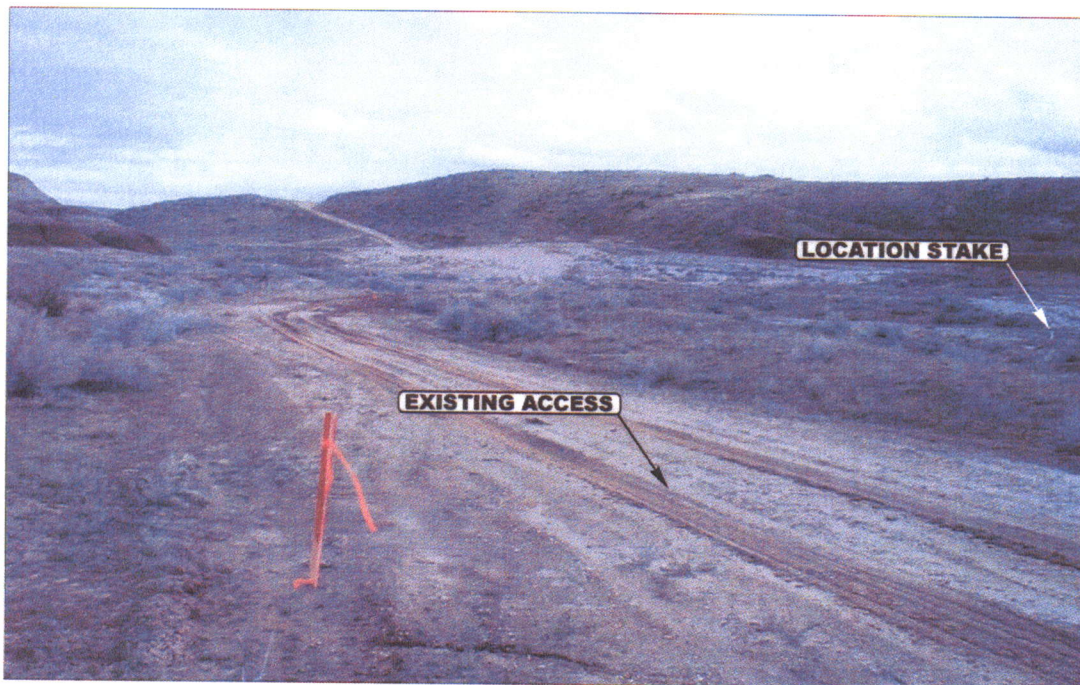


PHOTO: VIEW OF EXISTING ACCESS

CAMERA ANGLE: SOUTHEASTERLY



UELS

Uintah Engineering & Land Surveying

85 South 200 East Vernal, Utah 84078

435-789-1017 uels@uelsinc.com

- Since 1964 -

LOCATION PHOTOS

03 27 03  
MONTH DAY YEAR

PHOTO

TAKEN BY: S.H.

DRAWN BY: P.M.

REVISED: 00-00-00

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# QUESTAR EXPLORATION & PRODUCTION

FIGURE #1

## LOCATION LAYOUT FOR

OU 98 #8W-9-8-22  
SECTION 9, T8S, R22E, S.L.B.&M.  
2287' FNL 1048' FEL

Prevailing

Winds

SCALE: 1" = 50'  
DATE: 03-26-03  
Drawn By: D.COX

Exist. Old Pipeline  
(Abandoned)

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.

Total Pit Capacity  
W/2' of Freeboard  
= 10,560 Bbls. ±  
Total Pit Volume  
= 2,930 Cu. Yds.

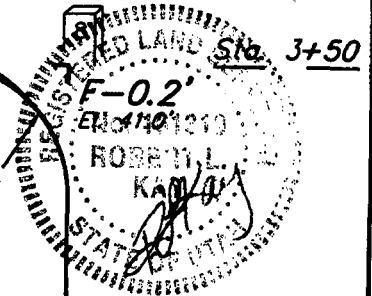
Approx.  
Top of  
Cut Slope

Proposed Access  
Road

Round Corners  
as Needed

### NOTE:

Earthwork Calculations  
Require a Fill of 4.6' @  
the Location Stake For  
Balance. All Fill is to be  
Compacted to a Minimum  
of 95% of the Maximum  
Dry Density Obtained by  
AASHTO Method t-99.



FLARE PIT  
C-4.2'  
El. 45.4'

El. 46.3'  
C-17.1'  
(btm. pit)

10' WIDE BENCH  
Reserve Pit Backfill  
& Spoils Stockpile

RESERVE PITS  
(12' Deep)

Sta. 0+51

El. 44.2'  
C-15.0'  
(btm. pit)

Pit Topsoil

C-1.2'  
El. 42.4'

PIPE TUBS

CATWALK

PIPE RACKS

F-4.6'  
El. 36.6'

F-2.7'  
El. 38.5'

Sta. 1+75

TOILET

TRAILER

WATER TANK

LIGHT PLANT

BOILER

COMPRESSOR

BOOSTER

PUMP HOUSE

MUD TANKS

MUD TANKS

MUD TANKS

MUD TANKS

MUD TANKS

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MUD TANKS

TRASH

PROPANE STORAGE

C-0.2'  
El. 41.4'

F-5.4'  
El. 35.8'

Sta. 0+00

Approx.  
Toe of  
Fill Slope

Existing 15' Wide Road

### NOTES:

Elev. Ungraded Ground At Loc. Stake = 4936.6'  
FINISHED GRADE ELEV. AT LOC. STAKE = 4941.2'

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# QUESTAR EXPLORATION & PRODUCTION

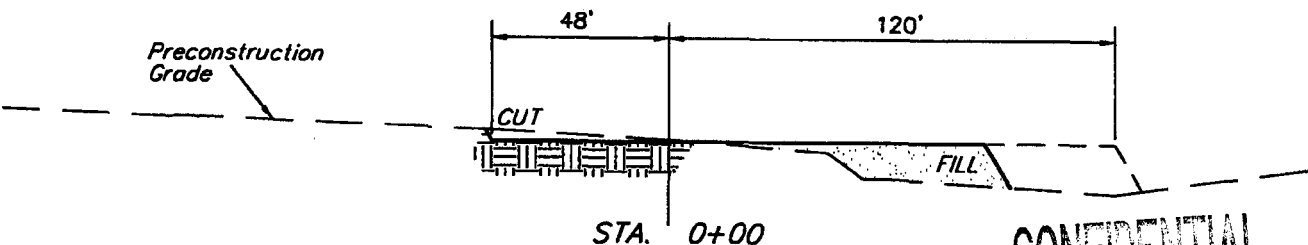
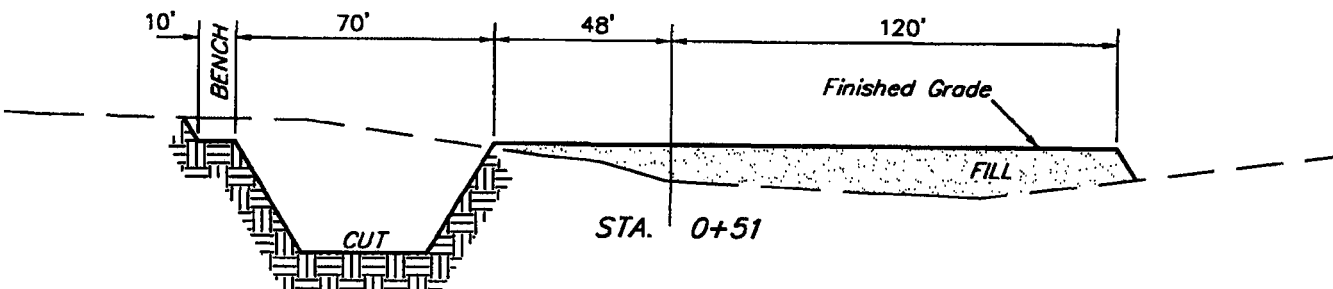
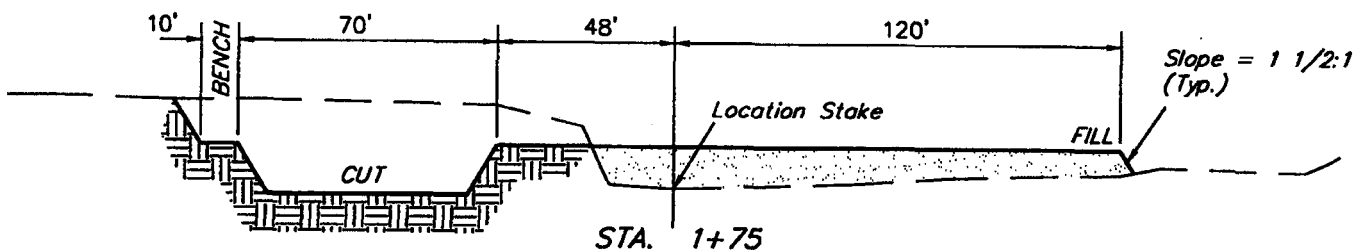
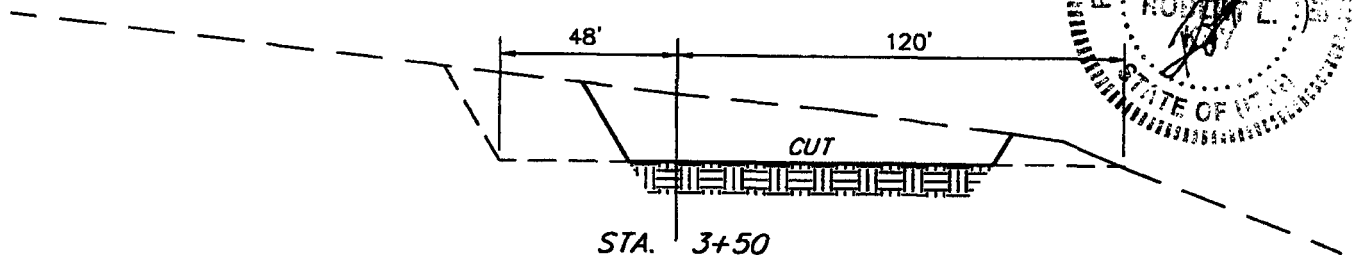
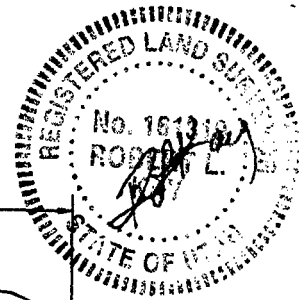
FIGURE #2

## TYPICAL CROSS SECTIONS FOR

OU ~~92~~ #8W-9-8-22  
SECTION 9, T8S, R22E, S.L.B.&M.  
2287' FNL 1048' FEL

1" = 20'  
X-Section  
Scale  
1" = 50'

DATE: 03-26-03  
Drawn By: D.COX



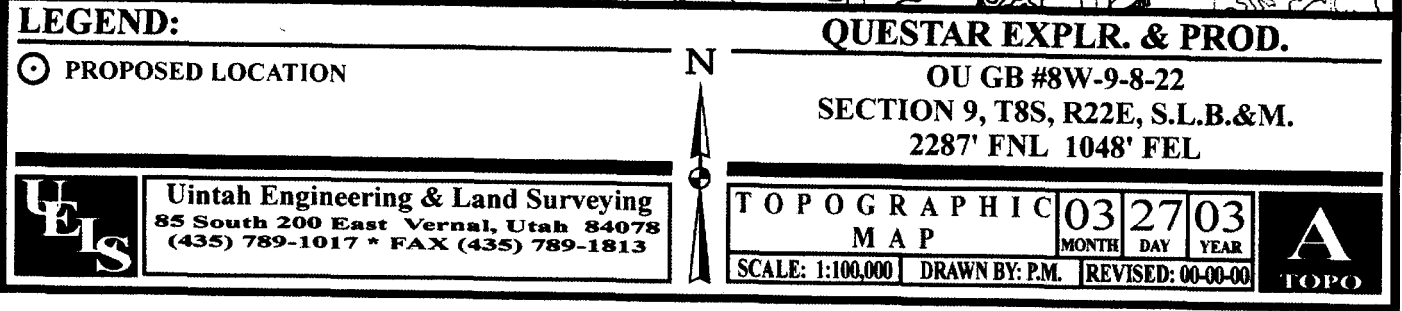
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### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,340 Cu. Yds.
Remaining Location	= 6,890 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 8,230 CU.YDS.</b>
<b>FILL</b>	<b>= 5,160 CU.YDS.</b>

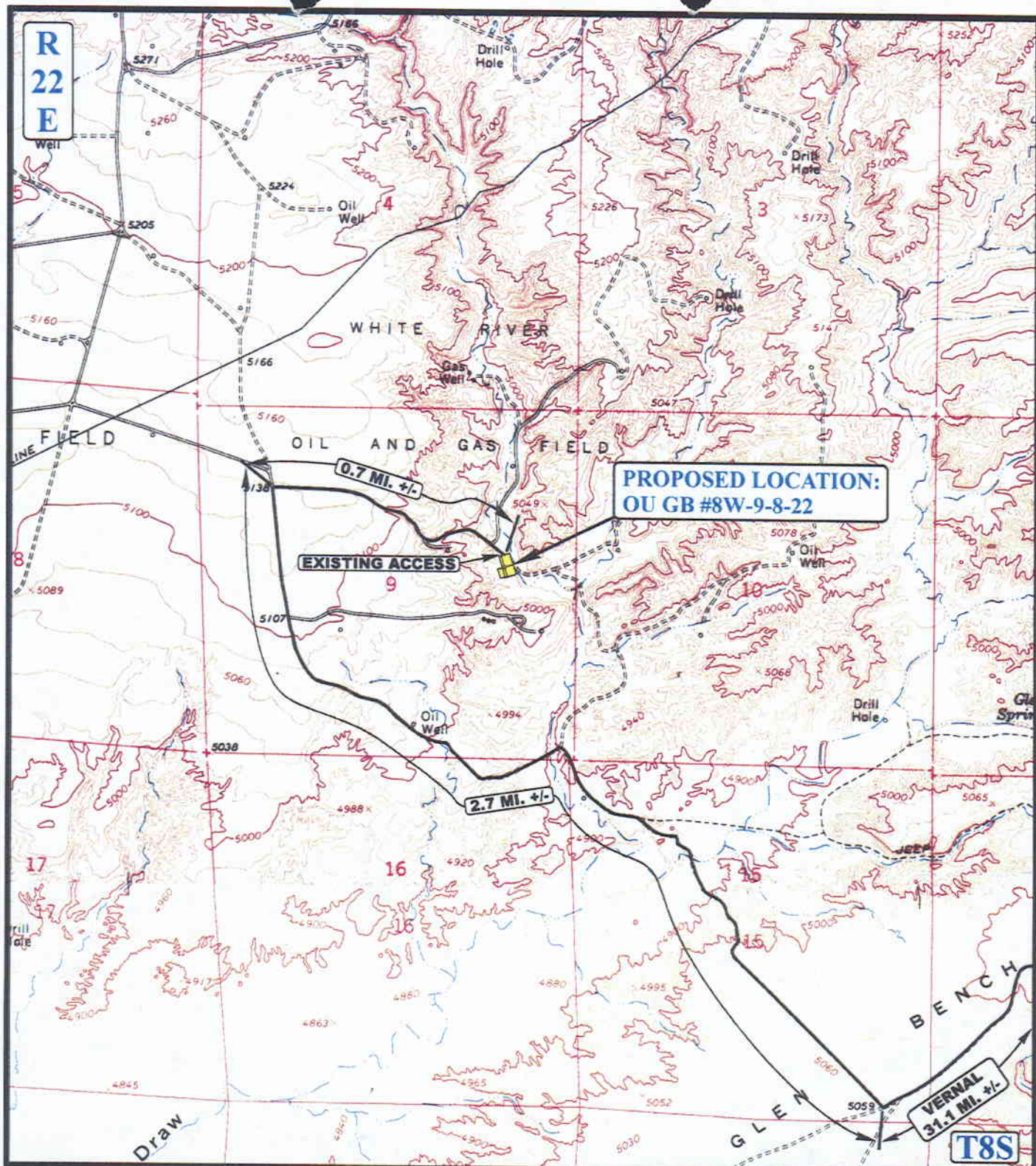
EXCESS MATERIAL AFTER 5% COMPACTION	= 2,800 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,800 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

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85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



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**LEGEND:**

— EXISTING ROAD



**QUESTAR EXPLR. & PROD.**

**OU GB #8W-9-8-22**  
**SECTION 9, T8S, R22E, S.L.B.&M.**  
**2287' FNL 1048' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC**  
**MAP**

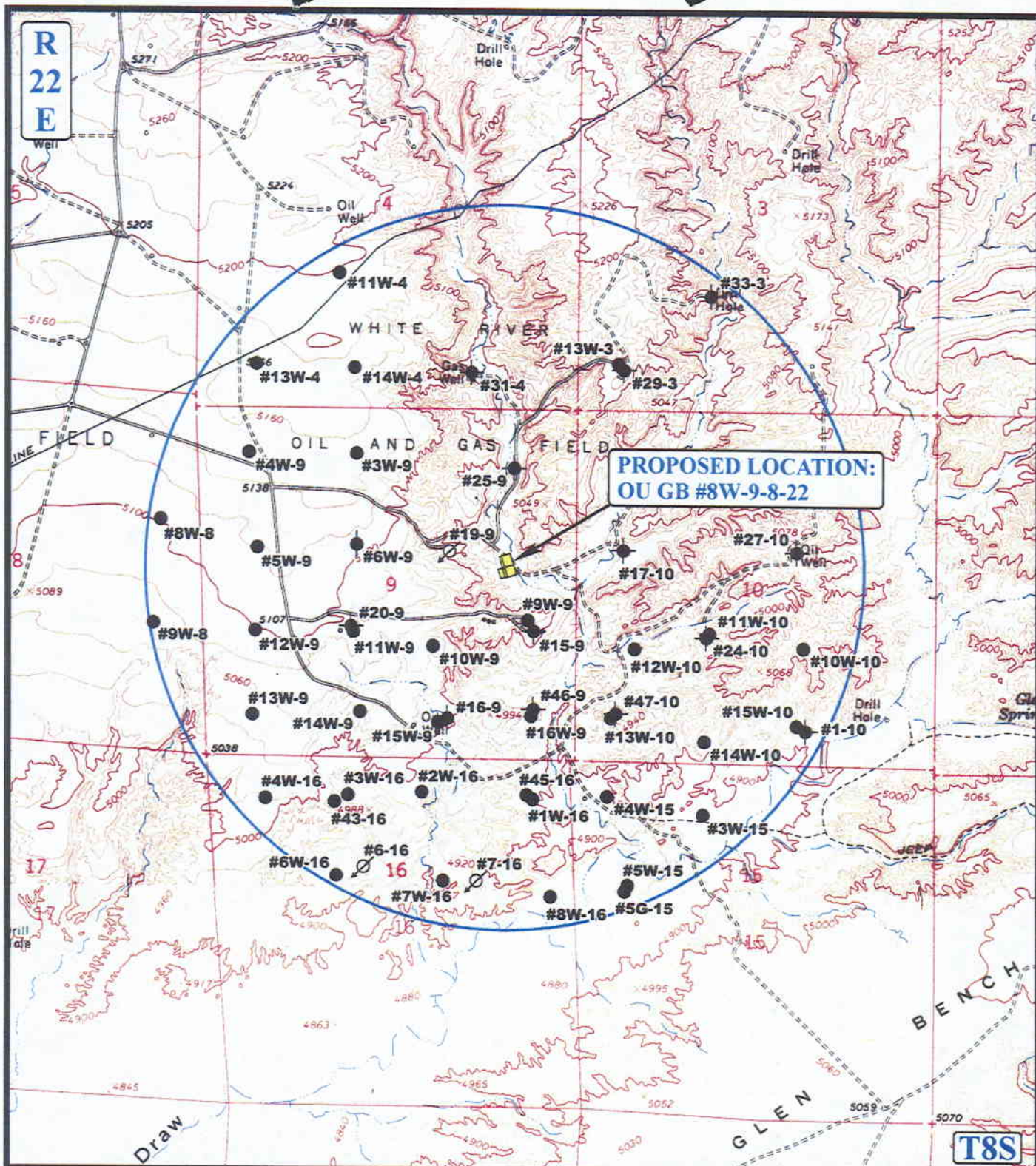
**03 27 03**  
 MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REVISED: 00-00-00

**B**  
**TOPO**

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# **LEGEND:**

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- WATER WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

## **QUESTAR EXPLR. & PROD.**

**OU GB #8W-9-8-22**  
**SECTION 9, T8S, R22E, S.L.B.&M.**  
**2287' FNL 1048' FEL**



**Uintah Engineering & Land Surveying**  
 85 South 200 East Vernal, Utah 84078  
 (435) 789-1017 \* FAX (435) 789-1813

**TOPOGRAPHIC  
MAP**

**03 27 03**  
 MONTH DAY YEAR

SCALE: 1" = 2000'

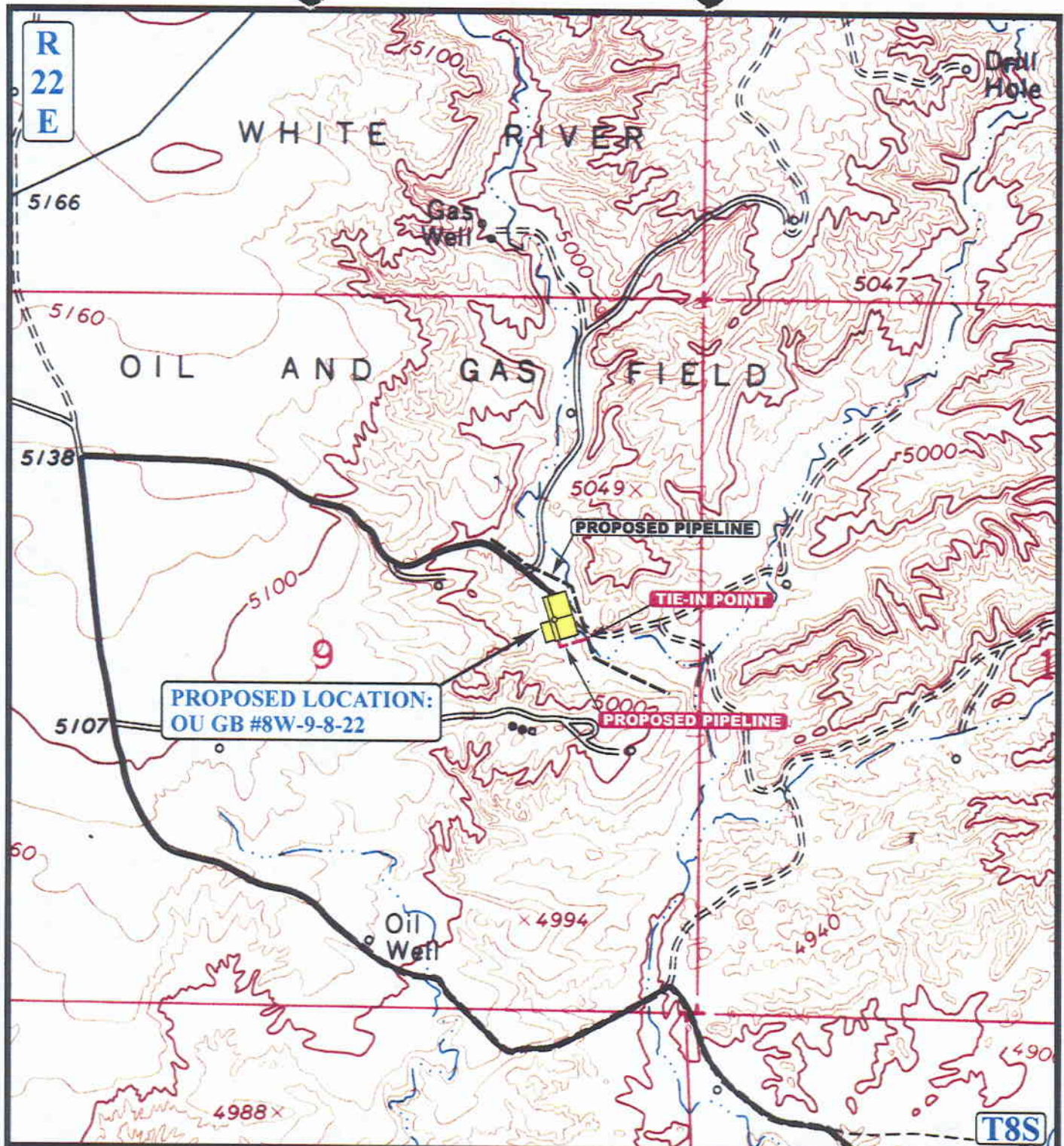
DRAWN BY: P.M.

REVISED: 00-00-00

**C  
TOPO**

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APPROXIMATE TOTAL PIPELINE DISTANCE = 300' +/-

**LEGEND:**

- EXISTING PIPELINE
- - - PROPOSED PIPELINE

**QUESTAR EXPLR. & PROD.**

OU GB #8W-9-8-22  
SECTION 9, T8S, R22E, S.L.B.&M.  
2287' FNL 1048' FEL

**U E S**  
Utah Engineering & Land Surveying  
85 South 200 East Vernal, Utah 84078  
(435) 789-1017 \* FAX (435) 789-1813



**TOPOGRAPHIC MAP**  
03 27 03  
MONTH DAY YEAR  
SCALE: 1" = 1000' DRAWN BY: P.M. REVISED: 00-00-00



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003

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/08/2003

API NO. ASSIGNED: 43-047-35113

WELL NAME: OU GB 8W-9-8-22

OPERATOR: QEP UINTA BASIN, INC. ( N2460 )

CONTACT: RALEEN SEARLE

PHONE NUMBER: 435-781-4309

## PROPOSED LOCATION:

SENE 09 080S 220E

SURFACE: 2287 FNL 1048 FEL

BOTTOM: 2287 FNL 1048 FEL

UINTAH

WHITE RIVER ( 705 )

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-0971

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: WSTC

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LATITUDE: 40.13823

LONGITUDE: 109.43880

## RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed[1] Ind[] Sta[] Fee[]  
(No. ESB000024 )  
☒ Potash (Y/N)  
☒ Oil Shale 190-5 (B) or 190-3 or 190-13  
☒ Water Permit  
(No. 43-8496 )  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_ )  
☒ Fee Surf Agreement (Y/N)

## LOCATION AND SITING:

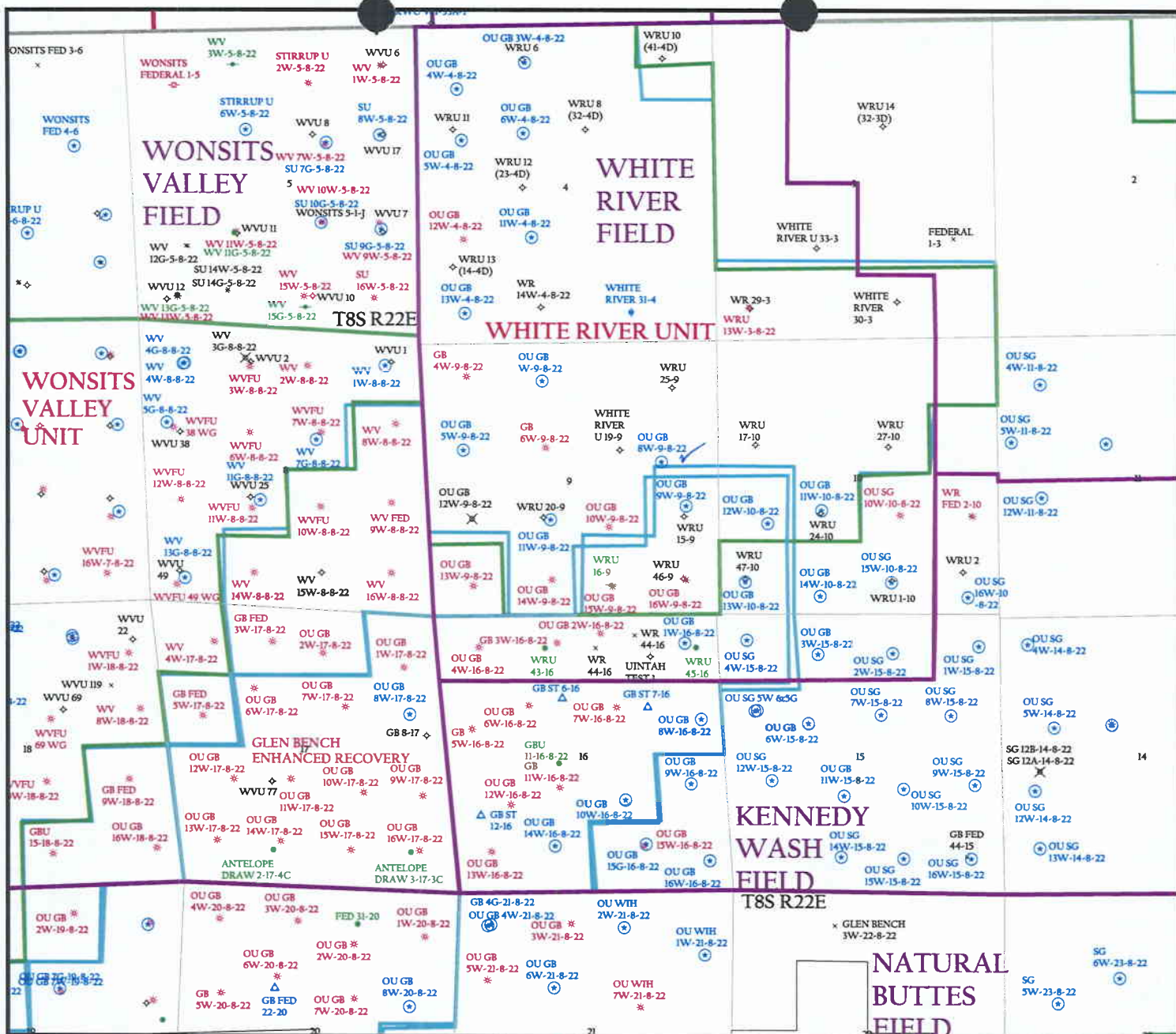
\_\_\_\_ R649-2-3.  
Unit WHITE RIVER  
\_\_\_\_ R649-3-2. General  
Siting: 460 From Qtr/Qtr & 920' Between Wells  
☒ R649-3-3. Exception  
\_\_\_\_ Drilling Unit  
Board Cause No: \_\_\_\_\_  
Eff Date: \_\_\_\_\_  
Siting: \_\_\_\_\_  
\_\_\_\_ R649-3-11. Directional Drill

COMMENTS:

See, Separate file

STIPULATIONS:

1- Federal approval  
2- Spacing Slip



OPERATOR: QEP UINTA BASIN INC (N2460)

SEC. 9 T.8S, R.22E

FIELD: WHITE RIVER (705)

COUNTY: UINTAH

SPACING: R649-3-3 / EXCEPTION LOCATION

#### Wells

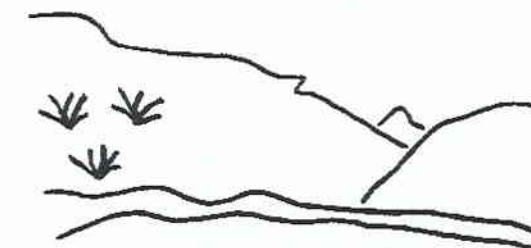
- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL

#### Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

#### Field Status

- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED



Utah Oil Gas and Mining



PREPARED BY: DIANA MASON  
DATE: 11-AUGUST-2003

# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:  
3160  
(UT-922)

August 11, 2003

### Memorandum

To: Assistant District Manager Minerals, Vernal District  
From: Michael Coulthard, Petroleum Engineer  
Subject: 2003 Plan of Development White River Unit,  
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the White River Unit, Uintah County, Utah.

Api Number	Well	Location
------------	------	----------

(Proposed PZ Wasatch)

43-047-35113	OU GB	8W-09-8-22 Sec. 9 T08S R22E	2287 FNL 1048 FEL
43-047-35118	WRU EIH	1W-26-8-22 Sec. 26 T08S R22E	1195 FNL 0461 FEL
43-047-35119	WRU EIH	7W-26-8-22 Sec. 26 T08S R22E	1935 FNL 1727 FEL
43-047-35120	WRU EIH	10W-26-8-22 Sec. 26 T08S R22E	1743 FSL 2040 FEL
43-047-35121	WRU EIH	15W-35-8-22 Sec. 35 T08S R22E	0551 FSL 1500 FEL

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - White River Unit  
Division of Oil Gas and Mining  
Agr. Sec. Chron  
Fluid Chron

MCoulthard:mc:8-11-3

**QUESTAR**  
**EXPLORATION AND PRODUCTION/UINTAH BASIN DIVISION**  
11002 EAST 17500 SOUTH, VERNAL, UT 84078

August 13, 2003

Division of Oil, Gas & Mining  
1594 W. N. Temple STE 1210  
Salt Lake City, UT 84114-5801

To Whom It May Concern:

In reference to the State Oil and Gas Conservation rule R649-3-3 QEP Uinta Basin, Inc. OU GB 8W-9-8-22 is an exception to this rule due to topography.

There are no additional lease owners with 460' of the proposed location. If you have any question please contact Raleen Searle @ (435) 781-4309.

Thank you,



Raleen Searle  
Regulatory Affairs Analyst

RECEIVED  
AUG 14 2003  
DIV. OF OIL, GAS & MINING



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

[www.nr.utah.gov](http://www.nr.utah.gov)

Michael O. Leavitt  
Governor

Robert L. Morgan  
Executive Director

Lowell P. Braxton  
Division Director

August 14, 2003

QEP Uinta Basin, Inc.  
11002 E 17500 S  
Vernal, UT 84078

Re: Over and Under Glen Bench 8W-9-8-22 Well, 2287' FNL, 1048' FEL, SE NE, Sec. 9,  
T. 8 South, R. 22 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35113.

Sincerely,

A handwritten signature in black ink, appearing to read "John R. Baza".

John R. Baza  
Associate Director

pab  
Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office

Operator: QEP Uinta Basin, Inc.  
Well Name & Number Over and Under Glen Bench 8W-9-8-22  
API Number: 43-047-35113  
Lease: U-0971

Location: SE NE      Sec. 9      T. 8 South      R. 22 East

### Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*

FORM APPROVED  
OMB NO. 1040-0136  
Expires: February 28, 1995

005

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/>		7. UNIT AGREEMENT NAME	
TYPE OF WELL <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGL E ZONE <input checked="" type="checkbox"/> MULTIPL E ZONE		8. FARM OR LEASE NAME, WELL NO. OU GB 8W-9-8-22	
2. NAME OF OPERATOR QEP Uinta Basin, Inc.		9. API WELL NO. 43-047-35113	
3. ADDRESS 11002 E. 17500 S. Vernal, Ut 84078		10. FIELD AND POOL, OR WILDCAT WHITE RIVER	
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements*) At Surface 2287' FNL, 1048' FEL, SENE, Section 9, T8S R22E At proposed production zone		11. SEC., T, R, M, OR BLK & SURVEY OR AREA SENE, Section 9, T8S, R22E	
14. DISTANCE IN MILES FROM NEAREST TOWN OR POSTOFFICE* 11 +/- miles Southwest of Redwash, Utah		12. COUNTY OR PARISH UINTAH	13. STATE UT
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (also to nearest drig, unit line if any) 1048' +/-	16. NO. OF ACRES IN LEASE 160	17. NO. OF ACRES ASSIGNED TO THIS WELL 40	
18. DISTANCE FROM PROPOSED location to nearest well, drilling, completed, applied for, on this lease, ft 600'	19. PROPOSED DEPTH 7900'	20. BLM/BIA Bond No. on file ESB000024	
21. ELEVATIONS (Show whether DF, RT, GR, ect.) 4956' KB	22. DATE WORK WILL START ASAP	23. Estimated duration 10 DAYS	
24. Attachments			

The following, completed in accordance with the requirments of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan
- A surface Use Plan ( if location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an exisiting bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

SIGNED Raleen Searle Name (printed/typed) RALEEN SEARLE

6-Aug-03

TITLE REGULATORY AFFAIRS ANALYST

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

Application approval does not warrant or certify the applicant holds any legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY [Signature] TITLE \_\_\_\_\_

Assistant Field Manager  
Mineral Resources

\*See Instructions On Reverse Side

DATE 11/25/2003

Title 18, U.S.C Section 1001, makes it a crime for any person knowingly and wilfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

RECEIVED

DEC 05 2003

DIV. OF OIL, GAS & MINING

CONFIDENTIAL

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

DDG/MA

6-10-03

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: QEP Uinta Basin Inc.  
Well Name & Number: OU GB 8W-9-8-22  
API Number: 43-047-35113  
Lease Number: UTU - 0971  
Location: SENE Sec. 09 TWN: 08S RNG: 22E  
Agreement: N/A

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

### CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

**Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.**

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Casing Program and Auxiliary Equipment

As a minimum, the usable water and oil shale resources shall be isolated and/or protected by having a cement top for the production casing at least 200 ft. above the top of the Green River Formation, identified at  $\pm 2,715$  ft.

**CONDITIONS OF APPROVAL**  
**FOR THE SURFACE USE PROGRAM OF THE**  
**APPLICATION FOR PERMIT TO DRILL**

Company/Operator: QEP, Uinta Basin, Inc

API Number: 43-047-35113

Well Name & Number: 8W-9-8-22

Lease number: U-0971

Location: SE NE Sec, 9, T.8S. R. 22E.

Surface Ownership: BLM

Date NOS Received: 6/10/03

Date APD Received: 08/7/03

Conditions for Approval are in the APD

CONFIDENTIAL

FORM 9

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

006

## SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER: U-0971
2. NAME OF OPERATOR: QEP UINTA BASIN, INC.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
3. ADDRESS OF OPERATOR: 11002 E. 17500 S. CITY VERNAL STATE UT ZIP 84078		7. UNIT or CA AGREEMENT NAME: N/A
4. LOCATION OF WELL FOOTAGES AT SURFACE: 2287' FNL 1048' FEL		8. WELL NAME and NUMBER: OUGB 8W-9-8-22
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: SENE 9 8S 22E		9. API NUMBER: 4304735113
COUNTY: UINTAH		10. FIELD AND POOL, OR WILDCAT: WHITE RIVER
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: <u>APD EXTENSION</u>
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the OUGB 8W-9-8-22.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 08-30-04  
By: [Signature]

COPY SENT TO OPERATOR  
Date: 9-1-04  
Initials: CHD

NAME (PLEASE PRINT) John Busch TITLE Operations  
SIGNATURE [Signature] DATE 8/24/2004

(This space for State use only)

RECEIVED

AUG 27 2004

DIV. OF OIL, GAS &amp; MINING

**Application for Permit to Drill  
Request for Permit Extension  
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

**API:** 43-047-35113  
**Well Name:** OUGB 8W-9-8-22  
**Location:** 2287' FNL 1048' FEL SENE SEC 9 T8S R22E  
**Company Permit Issued to:** QEP UINTA BASIN, INC.  
**Date Original Permit Issued:** 8/14/2003

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☐ No ☒

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐

John Burch  
Signature

8/24/2004  
Date

Title: OPERATIONS

Representing: QEP UINTA BASIN, INC.

**RECEIVED**  
**AUG 27 2004**  
DIV. OF OIL, GAS & MINING



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

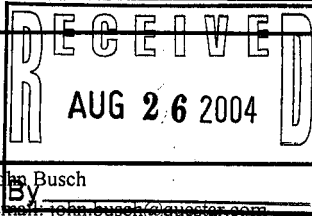
FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir  
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE



1. Type of Well

Oil ☐ Gas ☐  
Well ☐ Well ☒ Other ☐

2. Name of Operator

QEP UINTA BASIN, INC.

Contact: John Busch

Email: john.busch@qep.com

3. Address and Telephone No

11002 E. 17500 S. VERNAL, UT 84078-8526

(435) 781-4341

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2287' FNL 1048' FEL SENE SEC 9 T8S R22E

5. Lease Designation and Serial No.

U-0971

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

OUGB 8W-9-8-22

9. API Well No.

43-047-35113

10. Field and Pool, or Exploratory Area

WHITE RIVER

11. County or Parish, State

UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent  
☐ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other APD Extension

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP Uinta Basin, Inc. hereby requests a 1 year extension on the APD for the OUGB 8W-9-8-22.

RECEIVED

OCT 05 2004

DIV. OF OIL, GAS & MINING

CONDITIONS OF APPROVAL ATTACHED

14. I hereby certify that the foregoing is true and correct.

Signed John Busch

Title OPERATIONS

Date 8/24/2004

(This space for Federal or State office use)

Approved by: Kirk Fulwood

Title Petroleum Engineer

Date 9/24/04

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UDOGM

\*See instruction on Reverse Side

QEP- Uintah Basin Inc.  
APD Extension

Well: OUGB 8W-9-8-22

Location: SENE Sec. 9, T8S, R22E

Lease: U-0971

**CONDITIONS OF APPROVAL**

An extension for the referenced APD is granted with the following conditions:

---

1. The extension will expire 11/24/05
2. No other extensions beyond that time frame will be granted or allowed.

If you have any other questions concerning this matter, please contact Kirk Fleetwood of this office at (435) 781-4486

**State of Utah****Department of  
Natural Resources**

MICHAEL R. STYLER  
*Executive Director*

**Division of  
Oil, Gas & Mining**

JOHN R. BAZA  
*Division Director*

JON M. HUNTSMAN, JR.  
*Governor*

GARY R. HERBERT  
*Lieutenant Governor*

September 15, 2005

Jan Nelson  
QEP Uinta Basin Inc.  
11002 East 17500 South  
Vernal, Utah 84078

Re: APD Rescinded –OU GB 8W-9-8-22 Sec. 9, T. 8S, R. 22E  
Uintah County, Utah API No. 43-047-35113

Dear Ms. Nelson:

The Application for Permit to Drill (APD) for the subject well was approved by the Division of Oil, Gas and Mining (Division) on August 13, 2003. On August 30, 2004 the Division granted a one-year APD extension. On September 15, 2005, you requested that the division rescind the state approved APD.

No drilling activity at this location has been reported to the division. Therefore, approval to drill the well is hereby rescinded, effective September 15, 2005.

A new APD must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division immediately.

Sincerely,

A handwritten signature in cursive script that reads "Diana Whitney".

Diana Whitney  
Engineering Technician

cc: Well File  
Bureau of Land Management, Vernal